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 cura\_58\_17931354.0.35.2 (SEQ ID NO: 16)

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cura\_58\_179313540351 APTLKLLNHHPLLEEFLOEGLEKGDEELRPALPFQPDPPAPFTPSPLPRLANQDSRPVFT  
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cura\_58\_179313540351 SPTPAMAAVPTQPQSKGEPWSPESESPMLRITAPLPPGSPMAVPTLGPGEIASTTPPSRA  
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cura\_58\_179313540351 WTPTQEGPGDMGRPWAEEVVSQAGIGIQGTITSSTASGDDEETTTTTTIITTTITTVQT  
 cura\_58\_179313540352 WTPTQEGPGDMGRPWAEEVVSQAGIGIQGTITSSTASGDDEETTTTTTIITTTITTVQT

cura\_58\_179313540351 PGPCSWNFSGPEGSLDSPTDLSPTDVGLDCFFYISVYPGYGVEIKVQNISLREGETVTV  
 cura\_58\_179313540352 PGPCSWNFSGPEGSLDSPTDLSPTDVGLDCFFYISVYPGYGVEIKVQNISLREGETVTV

cura\_58\_179313540351 EGLGGPDPLPLANQSFLLRGQVIRSPTHQAALRFQSLPPPAGPGTFHFHYQAYLLSCHFP  
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cura\_58\_179313540351 RRQAYEDVTVTSIHPGGSARFHCATGYQLKGARHLTCLNATQPIWDSKEPVCIAACGGVI  
 cura\_58\_179313540352 RRQAYEDVTVTSIHPGGSARFHCATGYQLKGARHLTCLNATQPIWDSKEPVCIAACGGVI

cura\_58\_179313540351 RNATTGRIVSPGFGPNYSNNLTCHWLLEAPEGQRLHLHFEKVSLEADDDRLIIRNGDNVE  
 cura\_58\_179313540352 RNATTGRIVSPGFGPNYSNNLTCHWLLEAPEGQRLHLHFEKVSLEADDDRLIIRNGDNVE

cura\_58\_179313540351 APPVYDSYEVEYLPPIEGLLSSGKHFFVELSTDSSGAAAGMALRYEAFQQGHCEYEPFVKYG  
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cura\_58\_179313540351 NFSSSTPTYPVGTTVEFSCDPGYTLEQGSIIIECVDPHPDQWNETEPACRAVCSGEITDS  
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cura\_58\_179313540351 AGVVLSPNWPEPYSRGQDCIAGVHVEEDKRIMLDIRVLRIGPGDVLTFYDGGDLTARVLG  
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cura\_58\_179313540351 QYSGPRSHFKLFTSMADVTIQFQSDPGTSVLGYQQGFVIHFFEVPRNDTCPELPEIPNGW  
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cura\_58\_179313540351 KSPSQPELVHGTVVVTYQCPGYQVVGSSVLMCQWDLTWSDELPSQQRVTSCHDPGDVEHS  
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cura\_58\_179313540351 RRLISSPKFPVGATVQYICDQGFVLTGSSILTCHDRQAGSPKWSDRAPKCLLEQLKPCHG  
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 cura\_58\_179313540352 LSAPENGARSPEKQLHPAGATIHFSAPGYVLKGQASIKCVPGHPSHWSPPPICRAASL

cura\_58\_179313540351 DGFYNSRSLDVAKAPAAASSTLDAAHIAAIFLPLVAMVLLVGGVYFYFSRLQKSSSLQLP  
 cura\_58\_179313540352 DGFYNSRSLDVAKAPAAASSTLDAAHIAAIFLPLVAMVLLVGGVYFYFSRLQKSSSLQLP

cura\_58\_179313540351 RPRPRPYNRITIESAFDNPTYETGETREYEVSI-  
 cura\_58\_179313540351 RPRPRPYNRITIESAFDNPTYETGSLSFAGDERI

Fig. 1

T0004591-120501

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7520500.0.54.3_Cura_59 .....MRPVALLLPSSLALLAHGL
7520500.0.54.2_Cura_59 .....MRPVALLLPSSLALLAHGL
7520500.0.54.1_Cura_59 .....MRPVALLLPSSLALLAHGL
7520500.0.54.4_Cura_59 RLRPRSLYPAGPGSAPAPKPHQAPRPPAAVPAQGAAATSTM RPVALLLPSSLALLAHGL
7520500.0.21_Cura_59 RLRPRSLYPAGPGSAPAPKPHQAPRPPAAVPAQGAAATSTM RPVALLLPSSLALLAHGL

7520500.0.54.3_Cura_59 SLEAPTVGKGQAPGLEETDGLTAAPTPEQPERGVHFVTAPTLEKLNHHPLLEEFLOEG
7520500.0.54.2_Cura_59 SLEAPTVGKGQAPGLEETDGLTAAPTPEQPERGVHFVTAPTLEKLNHHPLLEEFLOEG
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7520500.0.21_Cura_59 SLEAPTVGKGQAPGLEETDGLTAAPTPEQPERGVHFVTAPTLEKLNHHPLLEEFLOEG

7520500.0.54.3_Cura_59 LEKGDEELRPALPFQDPPAPFTPSPLPRLANODSRPVFTSPTPAMAAVPTOPQSKGWP
7520500.0.54.2_Cura_59 LEKGDEELRPALPFQDPPAPFTPSPLPRLANODSRPVFTSPTPAMAAVPTOPQSKGWP
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7520500.0.54.4_Cura_59 LEKGDEELRPALPFQDPPAPFTPSPLPRLANODSRPVFTSPTPAMAAVPTOPQSKGWP
7520500.0.21_Cura_59 LEKGDEELRPALPFQDPPAPFTPSPLPRLANODSRPVFTSPTPAMAAVPTOPQSKGWP

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Fig. 2

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 7520500.0.54.1\_Cura\_59 (SEQ ID NO:18)  
 7520500.0.54.4\_Cura\_59 (SEQ ID NO:24)  
 7520500.0.21\_Cura\_59 (SEQ ID NO:20)

7520500.0.54.3\_Cura\_59 SPESESPMLRITAPLPPGPSMAVPTLGPGEIASTTPPSRAWPTQEGPGDMGRPWVAEVV  
 7520500.0.54.2\_Cura\_59 SPESESPMLRITAPLPPGPSMAVPTLGPGEIASTTPPSRAWPTQEGPGDMGRPWVAEVV  
 7520500.0.54.1\_Cura\_59 SPESESPMLRITAPLPPGPSMAVPTLGPGEIASTTPPSRAWPTQEGPGDMGRPWVAEVV  
 7520500.0.54.4\_Cura\_59 SPESESPMLRITAPLPPGPSMAVPTLGPGEIASTTPPSRAWPTQEGPGDMGRPWVAEVV  
 7520500.0.21\_Cura\_59 SPESESPMLRITAPLPPGPSMAVPTLGPGEIASTTPPSRAWPTQEGPGDMGRPWVAEVV

7520500.0.54.3\_Cura\_59 SQGAGIGIGTITSSSTASGDDEETTTTTTITTTTTIVOTPGPCSWNFSGPEGSLSPTD  
 7520500.0.54.2\_Cura\_59 SQGAGIGIGTITSSSTASGDDEETTTTTTITTTTTIVOTPGPCSWNFSGPEGSLSPTD  
 7520500.0.54.1\_Cura\_59 SQGAGIGIGTITSSSTASGDDEETTTTTTITTTTTIVOTPGPCSWNFSGPEGSLSPTD  
 7520500.0.54.4\_Cura\_59 SQGAGIGIGTITSSSTASGDDEETTTTTTITTTTTIVOTPGPCSWNFSGPEGSLSPTD  
 7520500.0.21\_Cura\_59 SQGAGIGIGTITSSSTASGDDEETTTTTTITTTTTIVOTPGQLPAGLQMWKNGWGRLLG

7520500.0.54.3\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLLRG  
 7520500.0.54.2\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLLRG  
 7520500.0.54.1\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLLRG  
 7520500.0.54.4\_Cura\_59 LSSPTDVGLDCFFYISVYPGYGVEIKVONISLREGETVTVEGLGGPDPLPLANOSFLLRG  
 7520500.0.21\_Cura\_59 P-----

7520500.0.54.3\_Cura\_59 QVIRSPTHQALRFQSLPPPAGPGTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.54.2\_Cura\_59 QVIRSPTHQALRFQSLPPPAGPGTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.54.1\_Cura\_59 QVIRSPTHQALRFQSLPPPAGPGTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.54.4\_Cura\_59 QVIRSPTHQALRFQSLPPPAGPGTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSAR  
 7520500.0.21\_Cura\_59 -----

7520500.0.54.3\_Cura\_59 FHCATGYQLKGARHLTCINATOPFWDKSKEPVCIAACGGVIRNGTIGRIIVSPGFPNGYSNN  
 7520500.0.54.2\_Cura\_59 FHCATGYQLKGARHLTCINATOPFWDKSKEPVCIAACGGVIRNGTIGRIIVSPGFPNGYSNN  
 7520500.0.54.1\_Cura\_59 FHCATGYQLKGARHLTCINATOPFWDKSKEPVCIAACGGVIRNGTIGRIIVSPGFPNGYSNN  
 7520500.0.54.4\_Cura\_59 FHCATGYQLKGARHLTCINATOPFWDKSKEPVCIAACGGVIRNGTIGRIIVSPGFPNGYSNN  
 7520500.0.21\_Cura\_59 -----

7520500.0.54.3\_Cura\_59 LTCHWILLEAPEGORLHLHFKEKVSIAEDDDRLTIRNGDNVEAPPVYDSYEVEYPPRRPRYN  
 7520500.0.54.2\_Cura\_59 LTCHWILLEAPEGORLHLHFKEKVSIAEDDDRLTIRNGDNVEAPPVYDSYEVEYPPRRPRYN  
 7520500.0.54.1\_Cura\_59 LTCHWILLEAPEGORLHLHFKEKVSIAEDDDRLTIRNGDNVEAPPVCKSSLQPPRRPRYN  
 7520500.0.54.4\_Cura\_59 LTCHWILLEAPEGORLHLHFKEKVSIAEDDDRLTIRNGDNVEAPPVCKSSLQPPRRPRYN  
 7520500.0.21\_Cura\_59 -----

7520500.0.54.3\_Cura\_59 RITTESAFDNPYETGETREYEVSI  
 7520500.0.54.2\_Cura\_59 RITTESAFDNPYETGETREYEVSI  
 7520500.0.54.1\_Cura\_59 RITTESAFDNPYETGETREYEVSI  
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Fig. 2 (CONTINUED)

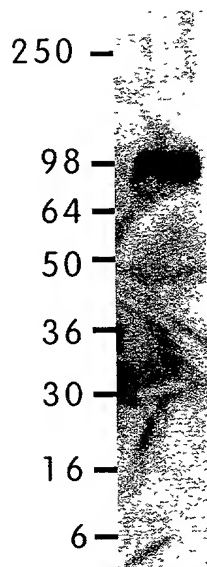


Fig. 3

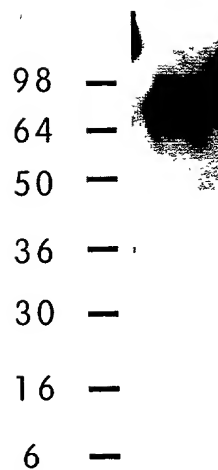


Fig. 4

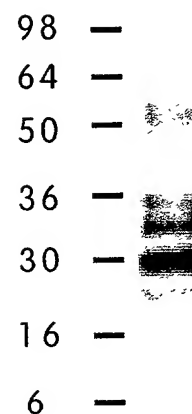


Fig. 5

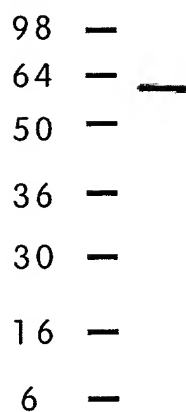


Fig. 6

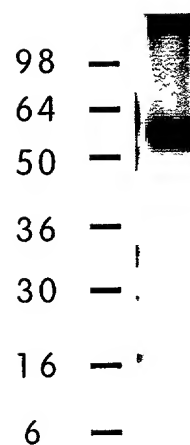


Fig. 7

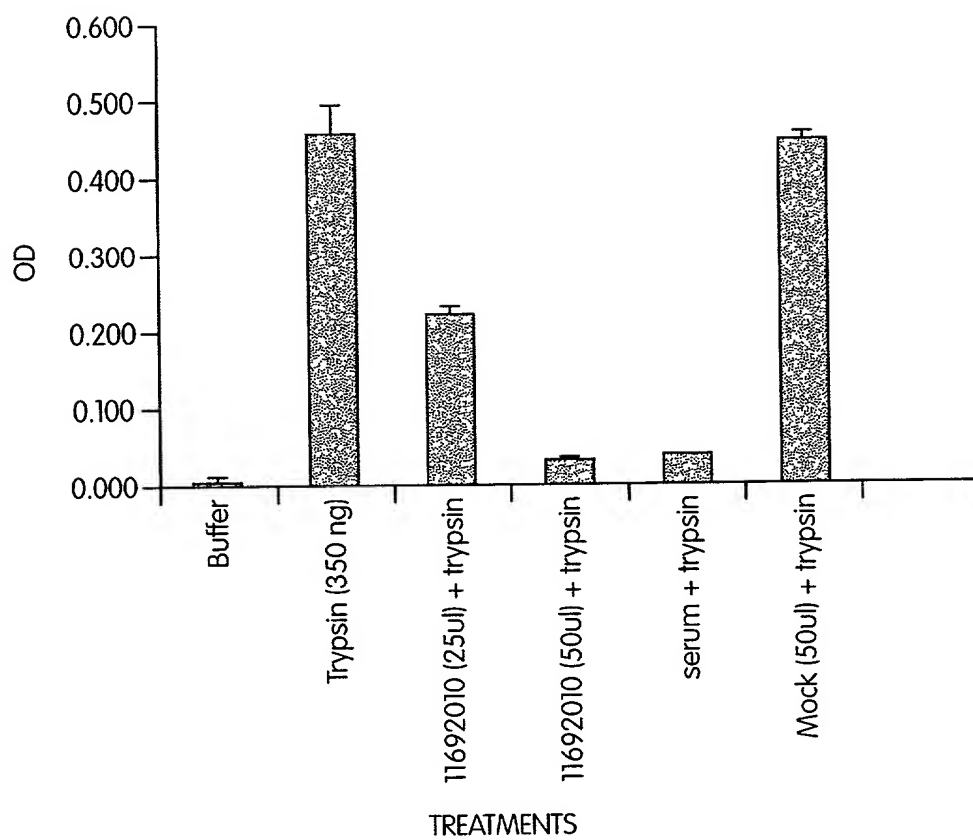


Fig. 8

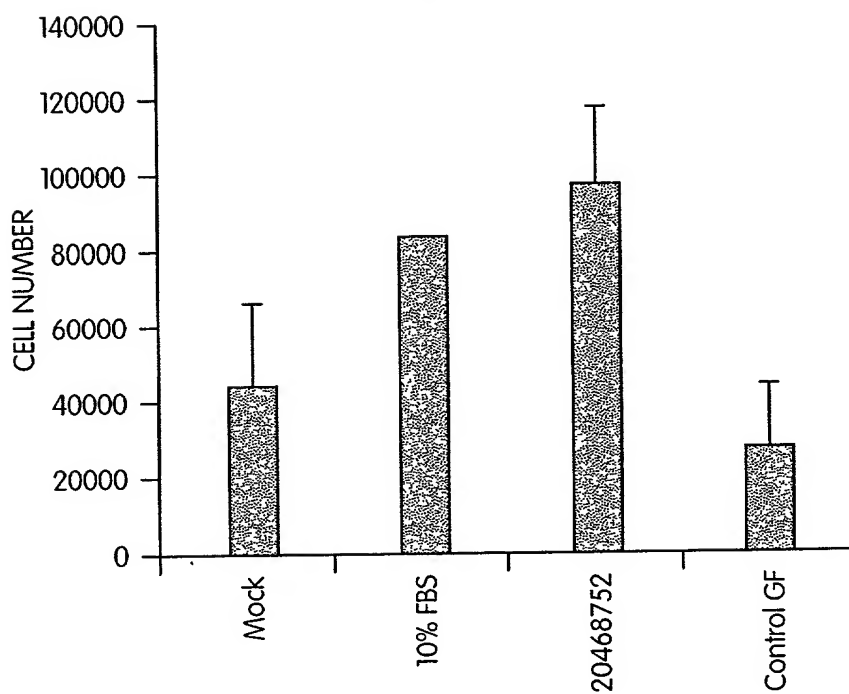


Fig. 9